



0416

Outokumpu Chrome Oy
95490 Tornio
15
0416-CPR-3591-04

DECLARATION OF PERFORMANCE: OKTO-Croval, 2022

EN 12620:2002+A1:2008
Aggregates for concrete

Essential characteristics	Performance												
Particle size	0/5 mm												
Category	GA90												
Particle density	3,0...3,5 mg/m ³												
Cleanliness	f ₁₁												
Percentage of crushed and broken surfaces	NPD												
Affinity to bituminous binders	NPD												
Resistance to fragmentation/crushing	NPD												
Resistance to polishing/abrasion/wear/attrition	NPD												
Resistance to thermal shock	NPD												
Volume stability	NPD												
Water absorption	WA ₂₄ 1												
Composition/content	<table border="0"> <tr> <td>SiO₂</td> <td>30 %</td> </tr> <tr> <td>Al₂O₃</td> <td>26 %</td> </tr> <tr> <td>MgO</td> <td>23 %</td> </tr> <tr> <td>Cr</td> <td>8 %</td> </tr> <tr> <td>Fe</td> <td>4 %</td> </tr> <tr> <td>CaO</td> <td>2 %</td> </tr> </table>	SiO ₂	30 %	Al ₂ O ₃	26 %	MgO	23 %	Cr	8 %	Fe	4 %	CaO	2 %
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Dangerous substances:	NPD												
Emission of radioactivity													
Release of heavy metals													
Release of polyaromatic carbons													
Release of other dangerous substances													
Durability against freezing and thawing	NPD												

Additional information

Typical grading and tolerances			
	11,2 mm	100 %	100 %
	8 mm	100 %	98 - 100 %
	5,6 mm	96 %	90 - 99 %
	4 mm	87 %	82 - 92 %
	2 mm	65 %	60 - 74 %
	1 mm	44 %	39 - 58 %
	0,5 mm	28 %	23 - 38 %
	0,25 mm	17 %	12 - 25 %
	0,125 mm	10 %	5 - 15 %
	0,063 mm	4 %	< 11 %